

**EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	110	li-xiaodong.in.	US- PGPUB; USPAT	OR	ON	2009/04/08 15:55
L3	37	lo-titus.in.	US- PGPUB; USPAT	OR	ON	2009/04/08 16:05
L4	21	li-kemin.in.	US- PGPUB; USPAT	OR	ON	2009/04/08 16:05
L5	37	lo-titus.in.	US- PGPUB; USPAT	OR	ON	2009/04/08 16:06
L6	1	"7248606".pn.	US- PGPUB; USPAT	OR	ON	2009/04/08 16:07
L7	1	("7257423").PN.	US- PGPUB; USPAT	OR	OFF	2009/04/08 16:07
L8	1	("7403513").PN.	US- PGPUB; USPAT	OR	OFF	2009/04/08 16:07
L9	1	("7437166").PN.	US- PGPUB; USPAT	OR	OFF	2009/04/08 16:07
L10	1	("20040213182").PN.	US- PGPUB; USPAT	OR	OFF	2009/04/08 16:07

L11	1	("20050064872").PN.	US- PGPUB; USPAT	OR	OFF	2009/04/08 16:07
L12	0	L6 and L7 and L8 and L9 and L10 and L11	US- PGPUB; USPAT	OR	ON	2009/04/08 16:07
L13	6	L6 L7 L8 L9 L10 L11 L12	US- PGPUB; USPAT	OR	ON	2009/04/08 16:07
L14	0	6 and (pilot adj pattern)	US- PGPUB; USPAT	OR	ON	2009/04/08 16:07
L15	0	6 and (pilot with modul\$5)	US- PGPUB; USPAT	OR	ON	2009/04/08 16:07
L16	0	6 and (pilot with cod\$3)	US- PGPUB; USPAT	OR	ON	2009/04/08 16:07
L17	1	6 and pilot	US- PGPUB; USPAT	OR	ON	2009/04/08 16:08
L18	18	(pilot near2 pattern) same (modulat\$3 cod\$3) same adapt \$3	US- PGPUB; USPAT	OR	ON	2009/04/08 16:09
L19	72	(pilot near2 pattern) with assign\$4	US- PGPUB; USPAT	OR	ON	2009/04/08 16:17
L20	37	19 and @ay<"2005"	US- PGPUB; USPAT	OR	ON	2009/04/08 16:18
L21	544	plcp and @ay<"2005"	US- PGPUB; USPAT	OR	ON	2009/04/08 16:25

L22	1	(plcp with pilot) and @ay<"2005"	US- PGPUB; USPAT	OR	ON	2009/04/08 16:25
L23	3757	(pilot and qpsk)and @ay<"2005"	US- PGPUB; USPAT	OR	ON	2009/04/08 16:26
L24	541	(pilot with qpsk)and @ay<"2005"	US- PGPUB; USPAT	OR	ON	2009/04/08 16:27
L25	541	24 and (modulat\$4 cod\$3)	US- PGPUB; USPAT	OR	ON	2009/04/08 16:27
L26	5	24 and (plcp)	US- PGPUB; USPAT	OR	ON	2009/04/08 16:28
L27	5984	qpsk and pilot	US- PGPUB; USPAT	OR	ON	2009/04/08 16:29
L28	3	tfrc and 13	US- PGPUB; USPAT	OR	ON	2009/04/08 16:39
L29	1	"20040022176".pn.	US- PGPUB; USPAT	OR	ON	2009/04/08 16:48
L30	51	pilot with assign same modulat\$3	US- PGPUB; USPAT	OR	ON	2009/04/08 17:05
L31	0	370/204.ccls 370/207.ccls	US- PGPUB; USPAT	OR	ON	2009/04/08 17:52
L32	121	370/204.ccls 370/207.ccls.	US- PGPUB; USPAT	OR	ON	2009/04/08 17:52

L33	28	(tfci pilot) and 32	US- PGPUB; USPAT	OR	ON	2009/04/08 17:53
L34	1	(tfci same pilot) and 32	US- PGPUB; USPAT	OR	ON	2009/04/08 17:59
L35	6482	370/335.ccls. 370/342.ccls.	US- PGPUB; USPAT	OR	ON	2009/04/08 18:00
L36	143	(tfci with pilot) and 35	US- PGPUB; USPAT	OR	ON	2009/04/08 18:00
L37	118	36 and @ay<"2005"	US- PGPUB; USPAT	OR	ON	2009/04/08 18:00
L38	0	"the control channel is used in this embodiment to transmit control information including pilot"	US- PGPUB; USPAT	OR	ON	2009/04/08 18:06
L39	0	"the control channel is used in this embodiment" or "the control channel is used in this embodiment to transmit control information including pilot"	US- PGPUB; USPAT	OR	ON	2009/04/08 18:07
L40	0	"the control channel is used in this embodiment"	US- PGPUB; USPAT	OR	ON	2009/04/08 18:07
L41	0	"Contained within slot 400 is pilot data"	US- PGPUB; USPAT	OR	ON	2009/04/08 18:07
L42	611	"Contained within slot"	US- PGPUB; USPAT	OR	ON	2009/04/08 18:07
L43	147	42 and "400"	US- PGPUB; USPAT	OR	ON	2009/04/08 18:08

L44	35	43 and (tfci bit)	US- PGPUB; USPAT	OR	ON	2009/04/08 18:08
L45	24	43 and (six and ten)	US- PGPUB; USPAT	OR	ON	2009/04/08 18:08
L46	7	45 and (tfci and "400")	US- PGPUB; USPAT	OR	ON	2009/04/08 18:09
L47	2286	455/69.ccls.	US- PGPUB; USPAT	OR	ON	2009/04/08 18:18
L48	52	(tfci same pilot) and 47	US- PGPUB; USPAT	OR	ON	2009/04/08 18:19
L49	39	(tfci same pilot) and 47 and @ay<"2005"	US- PGPUB; USPAT	OR	ON	2009/04/08 18:19
L50	14	tfci with cqj	US- PGPUB; USPAT	OR	ON	2009/04/08 18:28
L51	2286	455/69.ccls.	US- PGPUB; USPAT	OR	ON	2009/04/08 18:32
L52	3	(tfci same cqj) and 51 and @ay<"2005"	US- PGPUB; USPAT	OR	ON	2009/04/08 18:32
L53	1	"7236474".pn.	US- PGPUB; USPAT	OR	ON	2009/04/08 18:32
L54	1	"20040184417".pn.	US- PGPUB; USPAT	OR	ON	2009/04/08 18:36

L55	1	"20050143125".pn.	US- PGPUB; USPAT	OR	ON	2009/04/08 19:02
L56	112169	"370".clas.	US- PGPUB; USPAT	OR	ON	2009/04/08 19:48
L57	87548	"375".clas.	US- PGPUB; USPAT	OR	ON	2009/04/08 19:48
L58	186649	56 57	US- PGPUB; USPAT	OR	ON	2009/04/08 19:48
L59	342	(subchannel sub\$channel sub-channel) near2 configur\$5	US- PGPUB; USPAT	OR	ON	2009/04/08 19:48
L60	174	59 and 58	US- PGPUB; USPAT	OR	ON	2009/04/08 19:49
L61	40	(subchannel sub\$channel sub-channel) near2 configur\$5 same (adapt modify broadcast)	US- PGPUB; USPAT	OR	ON	2009/04/08 19:49
L62	15	61 and 58	US- PGPUB; USPAT	OR	ON	2009/04/08 19:49
L63	1	"7206332".pn.	US- PGPUB; USPAT	OR	ON	2009/04/08 19:53
L64	776	(subchannel sub\$channel sub-channel) with (adapt modify broadcast)	US- PGPUB; USPAT	OR	ON	2009/04/08 19:54
L65	413	64 and 58	US- PGPUB; USPAT	OR	ON	2009/04/08 19:54

L66	633	(subchannel sub\$channel sub-channel) with (broadcast)	US- PGPUB; USPAT	OR	ON	2009/04/08 19:54
L67	681	(subchannel sub\$channel sub-channel) with (adapt with2 broadcast)	US- PGPUB; USPAT	OR	ON	2009/04/08 19:55
L68	370	67 and 58	US- PGPUB; USPAT	OR	ON	2009/04/08 19:55
L69	249	68 and @ay<"2005"	US- PGPUB; USPAT	OR	ON	2009/04/08 19:55
L70	29	((subchannel sub\$channel sub-channel) near3 configur\$5) with (broadcast)	US- PGPUB; USPAT	OR	ON	2009/04/08 19:57
L71	38	(sub\$channel with configur\$5) and 370/329.ccls.	US- PGPUB; USPAT	OR	ON	2009/04/08 20:10
L72	1	((sub\$channel with configur\$5) same broadcast) and 370/329.ccls.	US- PGPUB; USPAT	OR	ON	2009/04/08 20:11
S2	1	10/583529.app.	US- PGPUB; USPAT	OR	ON	2009/03/26 17:58
S3	4	transmitter near3 (multiple near3 subchannel) same adapt	US- PGPUB; USPAT	OR	ON	2009/03/26 18:11
S4	267474	orthogonal	US- PGPUB; USPAT	OR	ON	2009/03/26 18:22
S5	3	transmitter with (adapt adaptation) with (subchannel sub \$1channel) with (modulat\$3 coding pilot power) same (CQI (channel adj condition))	US- PGPUB; USPAT	OR	ON	2009/03/26 18:23

S6	3	transmitter with (adapt adaptation) with (subchannel sub \$1channel) same (modulat\$3 coding pilot power) same (CQI (channel adj condition))	US- PGPUB; USPAT	OR	ON	2009/03/26 18:25
S7	3	transmitter with (adapt adaptation) same (subchannel sub \$1channel) same (modulat\$3 coding pilot power) same (CQI (channel adj condition))	US- PGPUB; USPAT	OR	ON	2009/03/26 18:25
S8	3	transmitter same (adapt adaptation) same (subchannel sub\$1channel) same (modulat\$3 coding pilot power) same (CQI (channel adj condition))	US- PGPUB; USPAT	OR	ON	2009/03/26 18:25
S9	7	transmit\$3 same (adapt adaptation) same (subchannel sub\$1channel) same (modulat\$3 coding pilot power) same (CQI (channel adj condition))	US- PGPUB; USPAT	OR	ON	2009/03/26 18:25
S10	8	transmit\$3 same (adapt adaptation) same (subchannel sub\$1channel) same (CQI (channel adj condition))	US- PGPUB; USPAT	OR	ON	2009/03/26 18:27
S11	19033	transmit\$3 same (adapt adaptation) (subchannel sub \$1channel) same (CQI (channel adj condition))	US- PGPUB; USPAT	OR	ON	2009/03/26 18:28
S12	9	transmit\$3 same (adapt adaptation) same3 (subchannel sub\$1channel) same (CQI (channel adj condition))	US- PGPUB; USPAT	OR	ON	2009/03/26 18:28
S13	3358	S4 and S11	US- PGPUB; USPAT	OR	ON	2009/03/26 18:30
S14	2	10/079778.app.	US- PGPUB; USPAT	OR	ON	2009/03/26 18:33
S20	49	orthogonal same (adapt\$5 with subchannel)	US- PGPUB; USPAT	OR	ON	2009/03/27 09:21
S21	1	"5904283".pn.	US- PGPUB; USPAT	OR	ON	2009/03/27 09:27

S22	1	"6904283".pn.	US- PGPUB; USPAT	OR	ON	2009/03/27 09:27
S23	1	"5442660".pn.	US- PGPUB; USPAT	OR	ON	2009/03/27 09:31
S24	13	orthogonal same ((adapt\$5 AMC MCS) with subchannel) not S20	US- PGPUB; USPAT	OR	ON	2009/03/27 09:57
S25	501	((adapt\$5 AMC MCS) with subchannel) not (S20 S24)	US- PGPUB; USPAT	OR	ON	2009/03/27 10:01
S26	50	("20070230324" "20070260956" "5353307" "5712850" "6473506" "7313737" "7324589" "7345989" "7463867" "7471620" "7499515" "20040068748" "20040153898" "20040184482" "20050152328" "20060041918" "20060067256" "20060166626" "20070230461" "20070286196" "20080152061" "20080219366" "20080267168" "20090060014" "7480341" "20060115014" "20040131038" "20050286402" "20060018336" "20060072510" "20060093061" "20060109923" "20060146920" "20060268983" "20060287743" "20070008943" "20070071147" "20070097887" "20070191065" "20070206698" "20070291638" "20080043677" "20080043874" "20080080405" "20080080431" "20080080634" "20080119213" "20080125051" "20080130582" "20080153428" ).pn.	US- PGPUB; USPAT	OR	ON	2009/03/27 10:04
S27	0	"60536071".app.	US- PGPUB; USPAT	OR	ON	2009/03/27 10:11
S28	0	"60/536071".app.	US- PGPUB; USPAT	OR	ON	2009/03/27 10:11

S29	1	10/356439.app.	US- PGPUB; USPAT	OR	ON	2009/03/27 10:26
S30	50	("20070230324" "5381449" "20030002450" "20060109926" "20080107048" "7391750" "20050025039" "20050063336" "20050068884" "20050111429" "20050201295" "20060116080" "20060148411" "20060153112" "20070032199" "20070115880" "20070121547" "20070189214" "20080101275" "20070189240" "6684064" "7010282" "7260054" "7502600" "20010041547" "20030223354" "20040106385" "20060166630" "7197021" "7236474" "7333546" "20030039217" "20030043778" "20030095532" "20030123396" "5519730" "6172993" "7103020" "7120199" "7188300" "20020164980" "20020167969" "20030003863" "20080232340" "20070072552" "6285887" "20060046789" "5987326" "7027523" "7333560" ).pn.	US- PGPUB; USPAT	OR	ON	2009/03/27 10:30
S31	0	09/06376512/255404	US- PGPUB; USPAT	OR	ON	2009/04/02 16:08
S32	110	li-xiaodong.in.	US- PGPUB; USPAT	OR	ON	2009/04/02 16:39
S33	102	S32 and (index pilot adapt\$5)	US- PGPUB; USPAT	OR	ON	2009/04/02 16:40
S34	102	S32 and (index pilot adapt\$5).bi.	US- PGPUB; USPAT	OR	ON	2009/04/02 16:41
S35	35	S32 and (index pilot adapt\$5).clm.	US- PGPUB; USPAT	OR	ON	2009/04/02 16:42

S36	37	lo-titus.in.	US- PGPUB; USPAT	OR	ON	2009/04/02 17:16
S37	1066	S36 and (index pilot adapt\$5 cqj)".clm"	US- PGPUB; USPAT	OR	ON	2009/04/02 17:16
S38	1066	S36 and (index pilot adapt\$5 cqj)".clm"	US- PGPUB; USPAT	OR	ON	2009/04/02 17:18
S39	26	S36 and (Index pilot adapt\$5 cqj).clm.	US- PGPUB; USPAT	OR	ON	2009/04/02 17:18
S40	21	li-kemin.in.	US- PGPUB; USPAT	OR	ON	2009/04/02 17:23
S41	640040	"21" and (index pilot adapt\$5 cqj).clm.	US- PGPUB; USPAT	OR	ON	2009/04/02 17:23
S42	640040	"21" and (index pilot adapt\$5 cqj).clm.	US- PGPUB; USPAT	OR	ON	2009/04/02 17:24
S43	742	"L21" and (index pilot adapt\$5 cqj).clm.	US- PGPUB; USPAT	OR	ON	2009/04/02 17:24
S44	742	"L21" and (index pilot adapt\$5 cqj).clm.	US- PGPUB; USPAT	OR	ON	2009/04/02 17:24
S45	742	(index pilot adapt\$5 cqj).clm. and "l21"	US- PGPUB; USPAT	OR	ON	2009/04/02 17:24
S46	17	S40 and (index pilot adapt\$5 cqj).clm.	US- PGPUB; USPAT	OR	ON	2009/04/02 17:24

S47	9	huang-haiming.in.	US- PGPUB; USPAT	OR	ON	2009/04/02 17:27
S48	8	S47 and (index pilot adapt\$5 cqi).clm.	US- PGPUB; USPAT	OR	ON	2009/04/02 17:27
S49	4334	(cqi (channel adj (condition state information))) same (AMCTP AMTP AMCT AMCS AMT (modulat\$3 near(cod\$3 power pilot power TPC)))	US- PGPUB; USPAT	OR	ON	2009/04/02 17:41
S50	2443	S49 and @ay<"2005"	US- PGPUB; USPAT	OR	ON	2009/04/02 17:41
S51	1693	(cqi (channel adj (condition state information))) same (modulat\$3 near(cod\$3 power pilot power TPC))	US- PGPUB; USPAT	OR	ON	2009/04/02 17:42
S52	2901	transmit adj control adj information	US- PGPUB; USPAT	OR	ON	2009/04/02 17:42
S53	3	S51 same S52	US- PGPUB; USPAT	OR	ON	2009/04/02 17:42
S54	1899	(cqi (channel adj (condition state information))) same (MCS (modulat\$3 near(cod\$3 power pilot power TPC)))	US- PGPUB; USPAT	OR	ON	2009/04/02 17:55
S55	115	S54 and S52	US- PGPUB; USPAT	OR	ON	2009/04/02 17:56
S56	12	S54 same S52	US- PGPUB; USPAT	OR	ON	2009/04/02 17:56
S57	532279	S42 and @ay<"2005"	US- PGPUB; USPAT	OR	ON	2009/04/02 18:09

S58	4	S56 and @ay<"2005"	US- PGPUB; USPAT	OR	ON	2009/04/02 18:09
S59	8141	transmit near2 control near2 information	US- PGPUB; USPAT	OR	ON	2009/04/02 18:10
S60	19	S54 same S59	US- PGPUB; USPAT	OR	ON	2009/04/02 18:10
S61	2	10/287241.app.	US- PGPUB; USPAT	OR	ON	2009/04/02 18:13
S62	1053	adapt\$3 near2 (transmi\$5 modulat\$3 cod\$3 pilot power) same (cqi (channel adj (state quality information)))	US- PGPUB; USPAT	OR	ON	2009/04/03 10:29
S63	483	S62 and @ay<"2005"	US- PGPUB; USPAT	OR	ON	2009/04/03 10:30
S64	677	S62 and @ay<"2006"	US- PGPUB; USPAT	OR	ON	2009/04/03 10:30
S65	117904	close\$1 adj loop	US- PGPUB; USPAT	OR	ON	2009/04/03 10:31
S66	50	S62 same S65	US- PGPUB; USPAT	OR	ON	2009/04/03 10:31
S67	15	adapt\$3 near2 (training pilot) same (cqi (channel adj (state quality information)))	US- PGPUB; USPAT	OR	ON	2009/04/03 10:54
S68	1	"7236474".pn.	US- PGPUB; USPAT	OR	ON	2009/04/03 12:13

S69	1	"7283498".pn.	US- PGPUB; USPAT	OR	ON	2009/04/03 12:36
S70	1	"7406336".pn.	US- PGPUB; USPAT	OR	ON	2009/04/03 12:53
S71	2	10/678631.app.	US- PGPUB; USPAT	OR	ON	2009/04/03 12:56
S72	0	maltsen.in.	US- PGPUB; USPAT	OR	ON	2009/04/03 13:00
S73	6	mattsen.in.	US- PGPUB; USPAT	OR	ON	2009/04/03 13:00
S74	1	10/746265.app.	US- PGPUB; USPAT	OR	ON	2009/04/03 13:00
S75	1	"7313195".pn.	US- PGPUB; USPAT	OR	ON	2009/04/03 15:37
S76	206	modulat\$3 with (constellation adj map\$3)	US- PGPUB; USPAT	OR	ON	2009/04/03 15:45
S77	84	modulat\$3 near3 (constellation adj map\$3)	US- PGPUB; USPAT	OR	ON	2009/04/03 15:45
S78	44	S77 and @ay<"2005"	US- PGPUB; USPAT	OR	ON	2009/04/03 15:45
S79	0	"7116944.pn"	US- PGPUB; USPAT	OR	ON	2009/04/03 15:52

S80	4059338	Das et "al."	US- PGPUB; USPAT	OR	ON	2009/04/03 15:52
S81	0	"Das et al."	US- PGPUB; USPAT	OR	ON	2009/04/03 15:52
S82	5279	Das.in.	US- PGPUB; USPAT	OR	ON	2009/04/03 15:53
S83	1	"6701129".pn.	US- PGPUB; USPAT	OR	ON	2009/04/03 15:54
S84	5	S68 S69 S70 S74 "7388847".pn.	US- PGPUB; USPAT	OR	ON	2009/04/03 15:57
S85	1	weight and S84	US- PGPUB; USPAT	OR	ON	2009/04/03 15:57
S86	1	"7206332".pn.	US- PGPUB; USPAT	OR	ON	2009/04/06 16:34
S87	102	deploy with broadcast	US- PGPUB; USPAT	OR	ON	2009/04/06 16:44
S88	34	(configur\$5 with \$3channel) same deploy\$4 same broadcast	US- PGPUB; USPAT	OR	ON	2009/04/06 16:45
S89	34	((configur\$5 adjust) with \$3channel) same deploy\$4 same broadcast	US- PGPUB; USPAT	OR	ON	2009/04/06 17:10
S90	60	((configur\$5 adjust) same \$3channel) same deploy\$4 same broadcast	US- PGPUB; USPAT	OR	ON	2009/04/06 17:10

S91	62	((config\$5 adjust) same \$3channel) same deploy\$4 same broadcast	US- PGPUB; USPAT	OR	ON	2009/04/06 17:10
S92	28	S91 not S89	US- PGPUB; USPAT	OR	ON	2009/04/06 17:10
S93	1	10/583529.app.	US- PGPUB; USPAT	OR	ON	2009/04/06 17:19
S94	1	10/736698.app.	US- PGPUB; USPAT	OR	ON	2009/04/06 18:58
S95	1	"20040022176".pn.	US- PGPUB; USPAT	OR	ON	2009/04/06 19:43
S96	1	"20040010142".pn.	US- PGPUB; USPAT	OR	ON	2009/04/06 19:51
S97	81	pietraski.in.	US- PGPUB; USPAT	OR	ON	2009/04/06 19:52
S98	215	lamy.in.	US- PGPUB; USPAT	OR	ON	2009/04/07 08:51
S99	2	S98 and csi	US- PGPUB; USPAT	OR	ON	2009/04/07 08:52
S100	16	adapt with (modul\$5 cod\$3) same (pilot with us\$3)	US- PGPUB; USPAT	OR	ON	2009/04/07 17:07
S102	174	(modul\$5 cod\$3) same (number near2 pilot with us\$3)	US- PGPUB; USPAT	OR	ON	2009/04/07 17:12

S103	10	cqi with (power near2 (control level)) with (table index)	US- PGPUB; USPAT	OR	ON	2009/04/07 18:27
S104	1	"7248606".pn.	US- PGPUB; USPAT	OR	ON	2009/04/07 18:36
S105	1	"7248606".pn. "7257423.pn" "7403513.pn" "7437166.pn" "20040213182.pn" "20050064872.pn"	US- PGPUB; USPAT	OR	ON	2009/04/07 18:36
S106	1	"7248606".pn. "7257423"".pn" "7403513"".pn" "7437166"".pn" "20040213182"".pn" "20050064872"".pn"	US- PGPUB; USPAT	OR	ON	2009/04/07 18:37
S107	0	("7248606,7257423,7403513,7437166").PN.	US- PGPUB; USPAT	OR	OFF	2009/04/07 18:37
S108	1	("7257423").PN.	US- PGPUB; USPAT	OR	OFF	2009/04/07 18:38
S109	1	("7403513").PN.	US- PGPUB; USPAT	OR	OFF	2009/04/07 18:38
S110	1	("7437166").PN.	US- PGPUB; USPAT	OR	OFF	2009/04/07 18:38
S111	1	("20040213182").PN.	US- PGPUB; USPAT	OR	OFF	2009/04/07 18:38
S112	1	("20050064872").PN.	US- PGPUB; USPAT	OR	OFF	2009/04/07 18:39
S113	0	S104 and S108 and S109 and S110 and S111 and S112	US- PGPUB; USPAT	OR	ON	2009/04/07 18:41

4/8/2009 8:46:46 PM

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